

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 2 | "20060043571" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/23 21:27 |
| L4 | 4063 | ((257/700) or (257/713) or (257/701)).CCLS. | US-PGPUB; USPAT; JPO | OR | OFF | 2006/07/23 21:48 |
| L5 | 805 | 257/903 | USPAT | OR | ON | 2006/07/23 21:48 |
| L6 | 8 | L5 and CMOS and (NMOS PMOS) near5 (interconnection interconnected interconnecting) | USPAT | OR | ON | 2006/07/23 21:48 |
| L7 | 2199 | 257/369 | USPAT | OR | ON | 2006/07/23 21:48 |
| L8 | 717 | 257/69 | USPAT | OR | ON | 2006/07/23 21:48 |
| L9 | 1740 | 438/199 | USPAT | OR | ON | 2006/07/23 21:48 |
| S4 | 5 | (("5976953") or ("6544837") or ("6624046") or ("6509639") or ("5880010")).PN. | US-PGPUB; USPAT; JPO | OR | OFF | 2006/02/20 16:45 |
| S5 | 1 | ("20030148590").PN. | US-PGPUB; USPAT; JPO | OR | OFF | 2006/02/20 16:46 |
| S7 | 6 | (("6974653") or ("6563131") or ("6700163") or ("6943405") or ("6965503") or ("6881672")).PN. | US-PGPUB; USPAT; JPO | OR | OFF | 2006/02/20 16:49 |
| S8 | 10 | ((("6670677") or ("6590258") or ("5057898") or ("6124615") or ("6355501") or ("5889302") or ("5426072") or ("20030094674") or ("20040144979") or ("20040146701")).PN. | US-PGPUB; USPAT; JPO | OR | OFF | 2006/02/20 17:18 |
| S9 | 1269 | (257/713).CCLS. | US-PGPUB; USPAT; JPO | OR | OFF | 2006/02/20 17:13 |
| S10 | 1247 | (257/701).CCLS. | US-PGPUB; USPAT; JPO | OR | OFF | 2006/02/20 17:13 |
| S11 | 1645 | (257/700).CCLS. | US-PGPUB; USPAT; JPO | OR | OFF | 2006/02/20 17:13 |
| S12 | 3905 | ((257/700) or (257/713) or (257/701)).CCLS. | US-PGPUB; USPAT; JPO | OR | OFF | 2006/02/20 17:14 |
| S13 | 0 | S12 and (crystal near orientation) and pFET and nFET | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 17:15 |
| S14 | 0 | S12 and pFET and nFET | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 17:15 |

EAST Search History

| | | | | | | |
|-----|-------|--|------------------------------|----|----|------------------|
| S15 | 7 | S12 and (crystal near orientation) | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 17:16 |
| S16 | 9 | S12 and PMOS and NMOS | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 17:16 |
| S17 | 5 | S8 and orientation | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 17:18 |
| S18 | 33 | ("4996574" "5321286" "5346834" "5420048" "5451798" "5482877" "5497019" "5581101" "5612552" "5675185" "5689136").PN. OR ("5889302").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:22 |
| S19 | 11902 | crystal adj orientation | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:22 |
| S20 | 3242 | S19 and inventor | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:22 |
| S21 | 617 | S19 and inventor and insulat\$3 near layer | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:23 |
| S22 | 644 | S19 and inventor and insulat\$3 near (layer region) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:38 |
| S23 | 7 | "6429085" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:35 |
| S24 | 27 | "4692994" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:35 |
| S25 | 54 | "4768076" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:35 |
| S26 | 31 | "5006913" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:36 |
| S27 | 589 | S19 and inventor and (insulat\$3 near (layer region)) and ((<100>" "[100]" "<110>" "[110]")) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:47 |
| S28 | 266 | S19 and inventor and (insulat\$3 near (layer region)) and ((<100>" "[100]" "<110>" "[110]")) and conductivity | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:47 |
| S29 | 32 | S19 and inventor and (insulat\$3 near (layer region)) and ((<100>" "[100]" "<110>" "[110]")) and second near conductivity | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:41 |
| S30 | 2 | S19 and inventor and (insulat\$3 near (layer region)) and ((<100>" "[100]" "<110>" "[110]")) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:47 |

EAST Search History

| | | | | | | |
|-----|-------|--|------------------------------|----|----|------------------|
| S31 | 95 | S19 and inverter and (insulat\$3 near (layer region)) and ((" <100>" "[100]" "<110>" "[110]")) and conductivity | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:53 |
| S32 | 0 | inverter and (insulat\$3 near (layer region)) and (orientation or crystal near orientation) and conductivity | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:53 |
| S33 | 0 | inverter and (insulat\$3 near (layer region)) and (orientation or crystal near orientation) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:53 |
| S34 | 1362 | inverter and (insulat\$3 near (layer region)) and (orientation or crystal near orientation) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:54 |
| S35 | 732 | inverter and (insulat\$3 near (layer region)) and (orientation or crystal near orientation) and conductivity | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:54 |
| S36 | 215 | inverter and (insulat\$3 near (layer region)) and (orientation or crystal near orientation) and conductivity and (PMOS PFET) and (NMOS NFET) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 17:54 |
| S37 | 10 | ("5789787").URPN. | USPAT | OR | ON | 2006/02/20 18:01 |
| S38 | 68975 | CMOS | USPAT | OR | ON | 2006/02/20 18:01 |
| S39 | 13220 | CMOS and (PMOS or PFET) and (NMOS or NFET) | USPAT | OR | ON | 2006/02/20 19:19 |
| S40 | 6654 | CMOS and (PMOS or PFET) and (NMOS or NFET) and inverter | USPAT | OR | ON | 2006/02/20 19:21 |
| S41 | 1140 | CMOS and (PMOS or PFET) and (NMOS or NFET) and inverter and interconnect | USPAT | OR | ON | 2006/02/20 18:05 |
| S42 | 277 | CMOS and (PMOS or PFET) and (NMOS or NFET) and inverter and interconnect and orientation | USPAT | OR | ON | 2006/02/20 18:06 |
| S43 | 471 | CMOS and (PMOS or PFET) and (NMOS or NFET) and inverter and interconnect and orientation | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 18:16 |
| S44 | 1090 | (crystal adj orientation surface adj orientation) and ([111] [110] [101] [100] [011] [010] [001] [000]) | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 18:20 |
| S45 | 21 | inverter and (crystal adj orientation surface adj orientation) and ([111] [110] [101] [100] [011] [010] [001] [000]) | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 18:32 |
| S46 | 839 | 257/67 | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 18:32 |
| S47 | 240 | S46 and inverter | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 18:35 |

EAST Search History

| | | | | | | |
|-----|------|--|----------------------------|----|----|------------------|
| S48 | 74 | S46 and inverter and orientation | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 18:38 |
| S49 | 9 | S46 and inverter and (("100" "110") near plane) | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 18:42 |
| S50 | 9 | S46 and inverter and (("100" "110") near (plane axis)) | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 18:43 |
| S51 | 348 | inverter and (("100" "110") near (plane axis)) | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 18:43 |
| S52 | 236 | semiconductor and inverter and (("100" "110") near (plane axis)) | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 19:05 |
| S53 | 1710 | semiconductor and inverter and (lattice (("100" "110") near (plane axis))) | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 19:04 |
| S54 | 3 | inverter and miller adj indice | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 19:04 |
| S55 | 626 | semiconductor and miller adj indice | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 19:04 |
| S56 | 195 | semiconductor and miller adj indice and (("100" "110") near (plane axis)) | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 19:13 |
| S57 | 0 | S41 and ("crystal direction" near3 ([100] [110])) | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 19:15 |
| S58 | 2 | S40 and ("crystal direction" near3 ([100] [110])) | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/20 19:15 |
| S59 | 444 | S46 and CMOS | USPAT | OR | ON | 2006/02/20 19:26 |
| S60 | 7 | S59 and (NMOS PMOS) near5 (interconnection interconnected interconnecting) | USPAT | OR | ON | 2006/02/20 19:27 |
| S61 | 1 | S60 and ("crystal direction" "crystal orientation") | USPAT | OR | ON | 2006/02/20 19:27 |
| S62 | 694 | 257/69 | USPAT | OR | ON | 2006/02/20 19:26 |
| S63 | 397 | S62 and CMOS | USPAT | OR | ON | 2006/02/20 19:26 |
| S64 | 2 | S63 and (NMOS PMOS) near5 (interconnection interconnected interconnecting) | USPAT | OR | ON | 2006/02/20 19:27 |
| S65 | 0 | S64 and ("crystal direction" "crystal orientation") | USPAT | OR | ON | 2006/02/20 19:27 |
| S66 | 0 | S64 and ("crystal direction" "crystal orientation" "crystal plane") | USPAT | OR | ON | 2006/02/20 19:27 |
| S67 | 779 | 257/903 | USPAT | OR | ON | 2006/02/20 19:28 |
| S68 | 435 | S67 and CMOS | USPAT | OR | ON | 2006/02/20 19:28 |

EAST Search History

| | | | | | | |
|-----|------|---|------------------------------|----|----|------------------|
| S69 | 6 | S67 and CMOS and (NMOS PMOS) near5 (interconnection interconnected interconnecting) | USPAT | OR | ON | 2006/02/20 19:31 |
| S70 | 1 | S67 and CMOS and (NMOS PMOS) near5 (interconnection interconnected interconnecting) and ("crystal direction" "crystal orientation" "crystal plane") | USPAT | OR | ON | 2006/02/20 19:29 |
| S71 | 1139 | 257/57 | USPAT | OR | ON | 2006/02/20 19:29 |
| S72 | 1 | S71 and CMOS and (NMOS PMOS) near5 (interconnection interconnected interconnecting) and ("crystal direction" "crystal orientation" "crystal plane") | USPAT | OR | ON | 2006/02/20 19:29 |
| S73 | 522 | 438/152 | USPAT | OR | ON | 2006/02/20 19:29 |
| S74 | 0 | S73 and CMOS and (NMOS PMOS) near5 (interconnection interconnected interconnecting) and ("crystal direction" "crystal orientation" "crystal plane") | USPAT | OR | ON | 2006/02/20 19:29 |
| S75 | 484 | 257/904 | USPAT | OR | ON | 2006/02/20 19:29 |
| S76 | 0 | S75 and CMOS and (NMOS PMOS) near5 (interconnection interconnected interconnecting) and ("crystal direction" "crystal orientation" "crystal plane") | USPAT | OR | ON | 2006/02/20 19:30 |
| S77 | 2078 | 257/369 | USPAT | OR | ON | 2006/02/20 19:30 |
| S78 | 0 | S77 and CMOS and (NMOS PMOS) near5 (interconnection interconnected interconnecting) and ("crystal direction" "crystal orientation" "crystal plane") | USPAT | OR | ON | 2006/02/20 19:30 |
| S79 | 1612 | 438/199 | USPAT | OR | ON | 2006/02/20 19:30 |
| S80 | 0 | S79 and CMOS and (NMOS PMOS) near5 (interconnection interconnected interconnecting) and ("crystal direction" "crystal orientation" "crystal plane") | USPAT | OR | ON | 2006/02/20 19:30 |
| S81 | 1 | S79 and CMOS and (NMOS PMOS) near5 (interconnection interconnected interconnecting) and crystal\$3 | USPAT | OR | ON | 2006/02/20 19:31 |
| S82 | 1 | S77 and CMOS and (NMOS PMOS) near5 (interconnection interconnected interconnecting) and crystal\$3 | USPAT | OR | ON | 2006/02/20 19:30 |
| S83 | 8 | ("5852310" "5949092" "5952678").PN. OR ("6204518").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 20:00 |
| S84 | 8 | ("5852310" "5949092" "5952678").PN. OR ("6204518").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/20 20:11 |

EAST Search History

| | | | | | | |
|-----|-------|---|------------------------------|----|----|------------------|
| S85 | 13 | ("5949092").URPN. | USPAT | OR | ON | 2006/02/21 08:13 |
| S86 | 1701 | 438/166 | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/21 08:40 |
| S87 | 460 | 438/150 | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/21 08:53 |
| S88 | 67801 | yamazaki.in. | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/21 08:41 |
| S89 | 4165 | ("semiconductor energy laboratory" sel).as. | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/21 08:53 |
| S90 | 227 | S87 and CMOS | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/21 09:12 |
| S91 | 422 | S89 and CMOS and inverter | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/21 08:53 |
| S92 | 56 | "4,933,298" | US-PGPUB; USPAT; JPO | OR | ON | 2006/02/21 09:12 |
| S93 | 26 | ("20020140031" "20030102518" "4768076" "4857986" "4933298" "5013681" "5024723" "5213986" "5374564" "5384473" "5659192" "5759898" "5769991" "5863830" "6335231" "6355541" "6358806" "6368938" "6407406" "6410371" "6414355" "6429061" "6448114" "6483171" "6486008" "6593634"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/21 09:15 |